

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

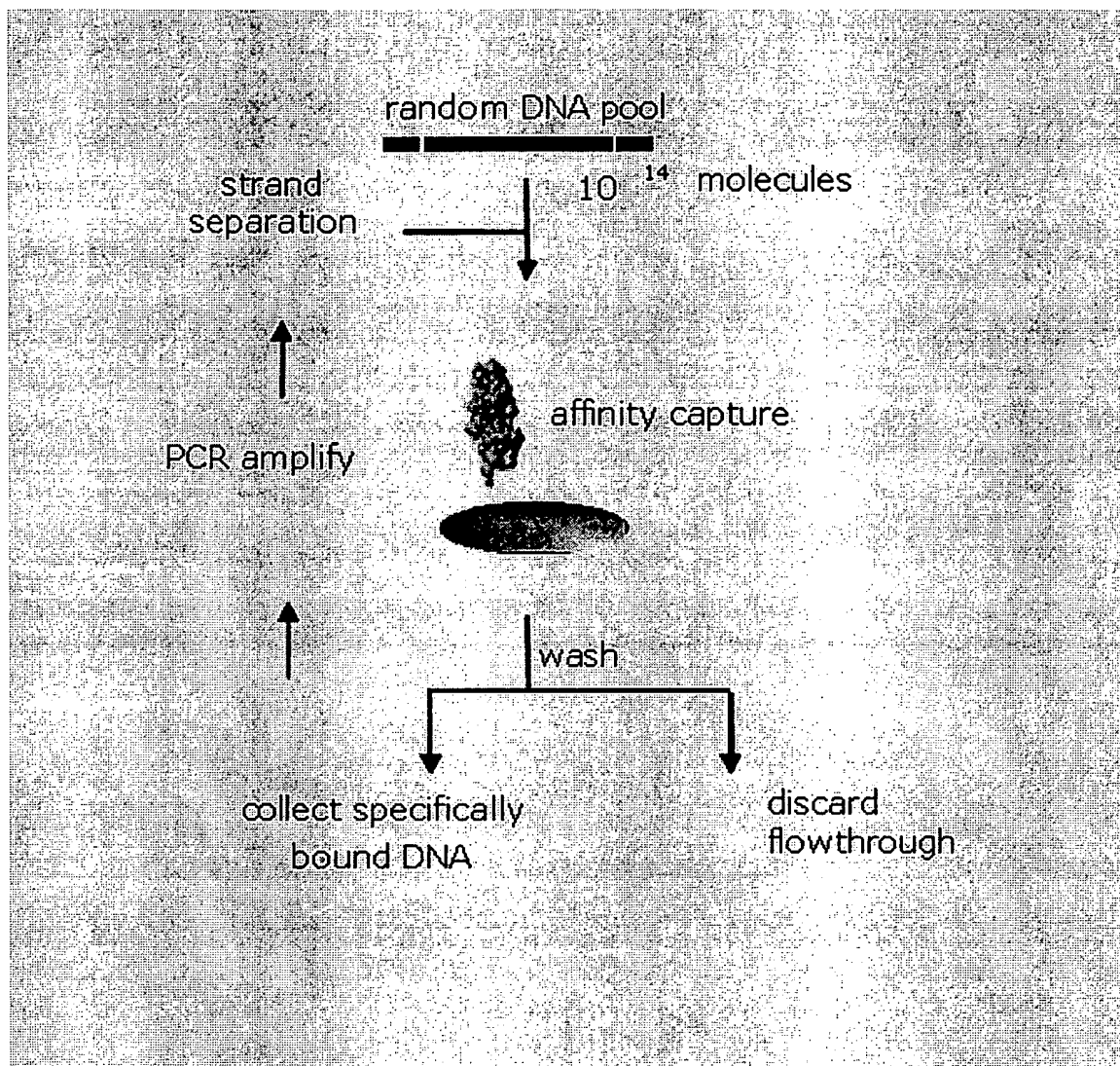
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

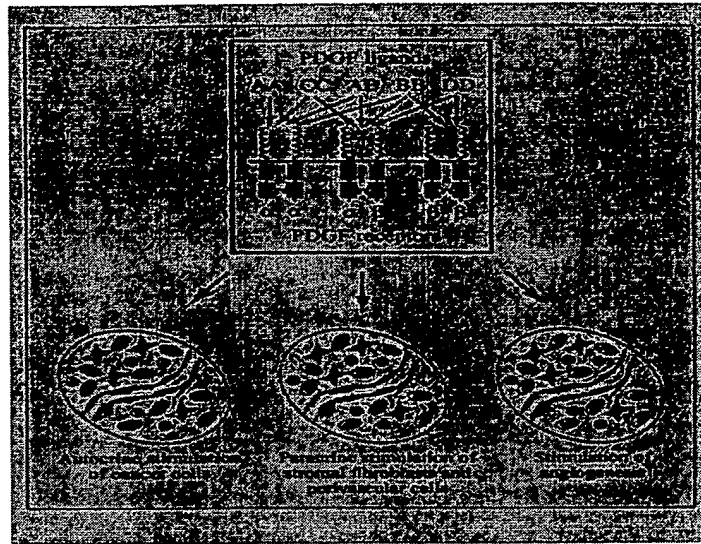
- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



**Figure 1**



**Figure 2**

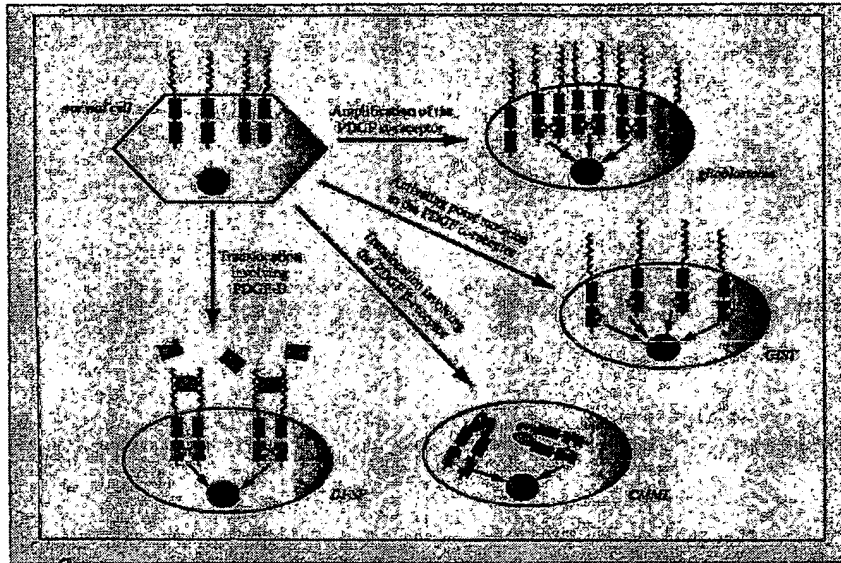
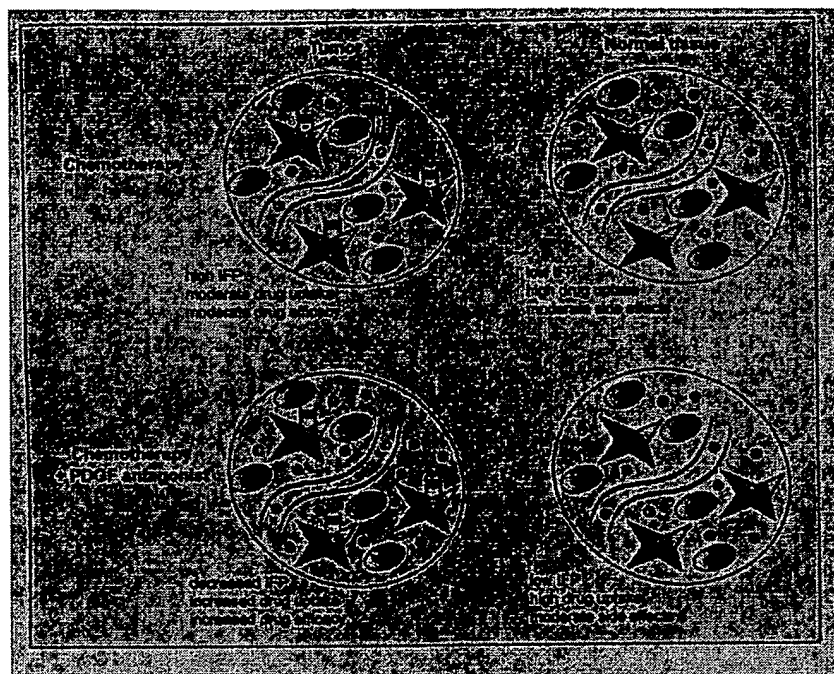


Figure 3



**Figure 4**

Figure 5A

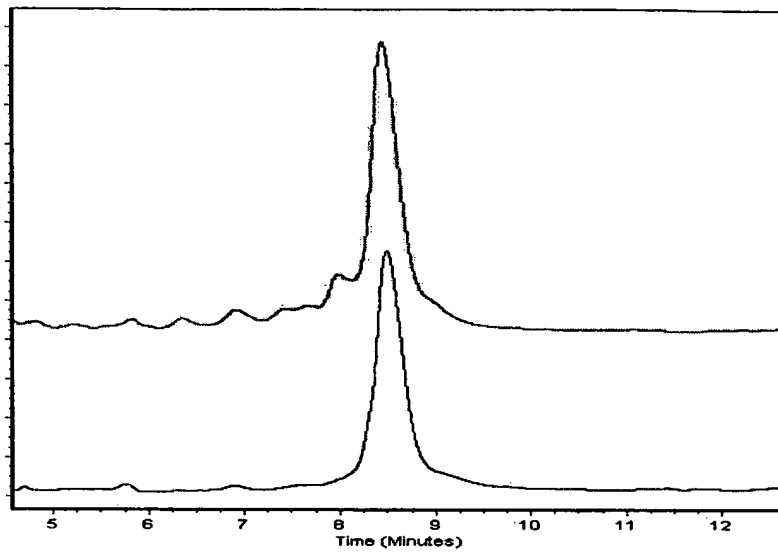
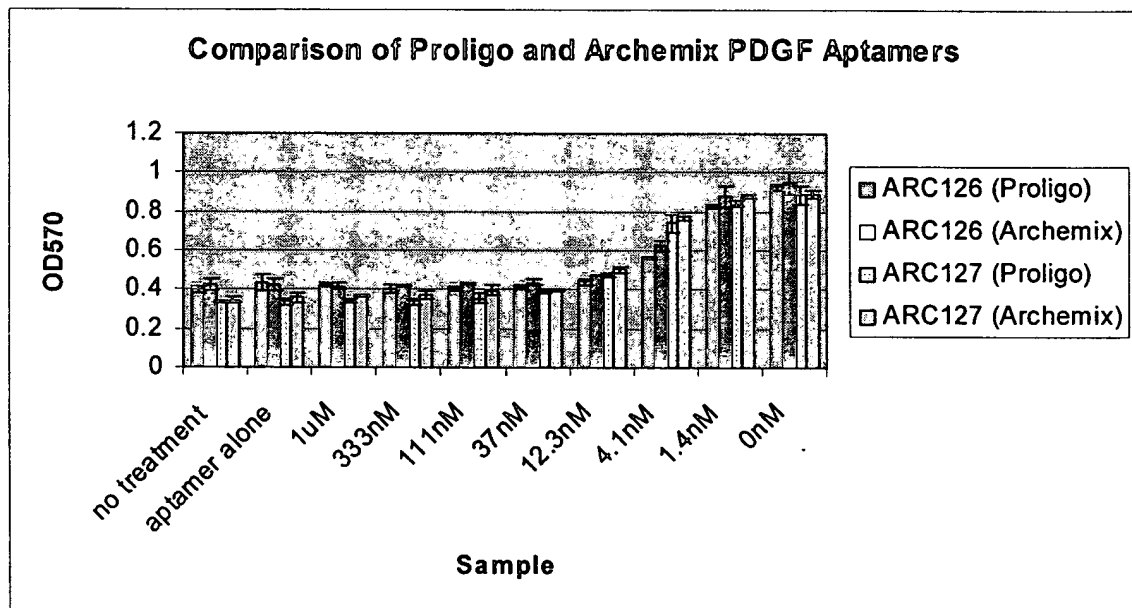
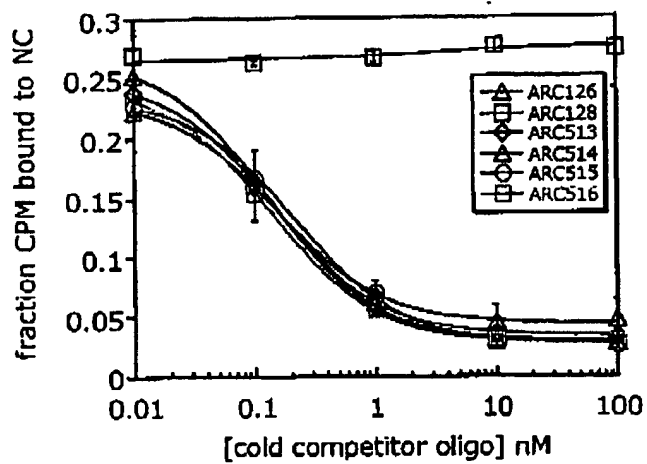


Figure 5B





A)



B)

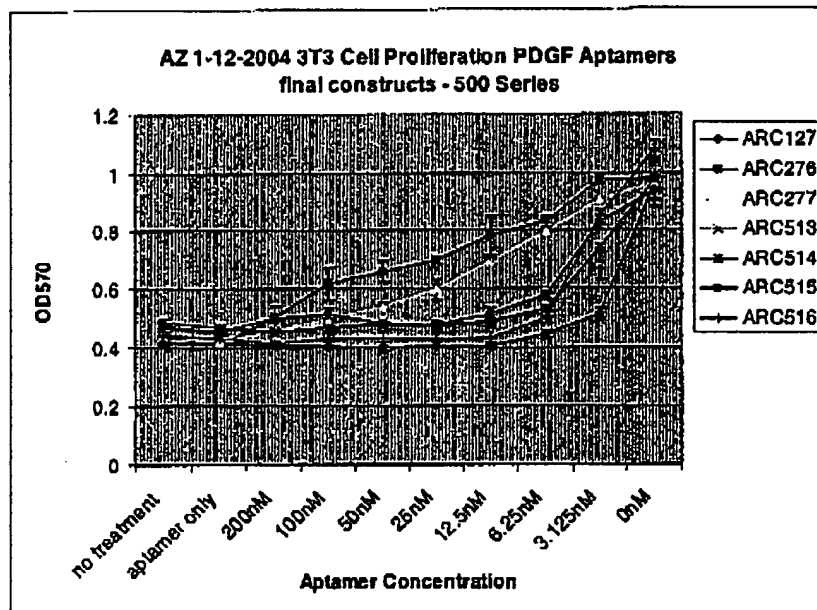
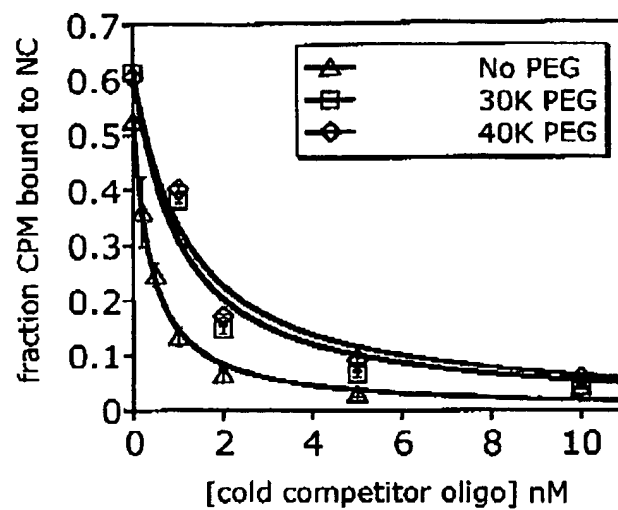


Figure 7



A)



B)

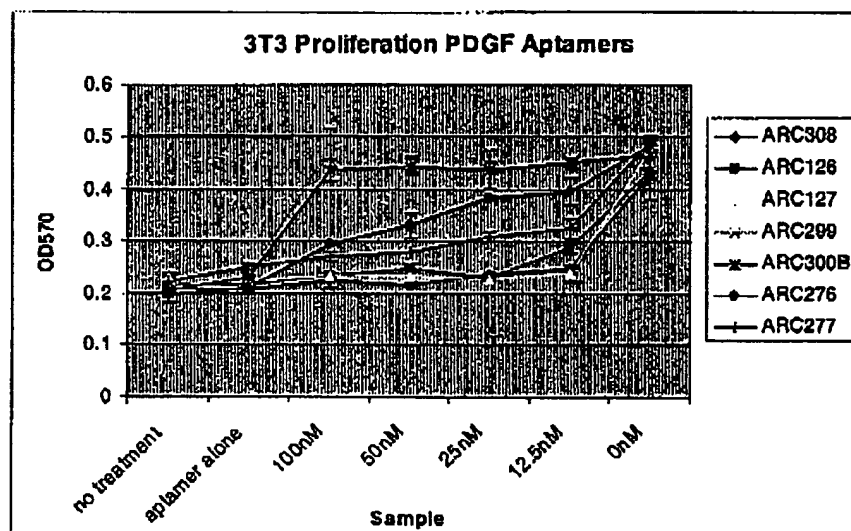
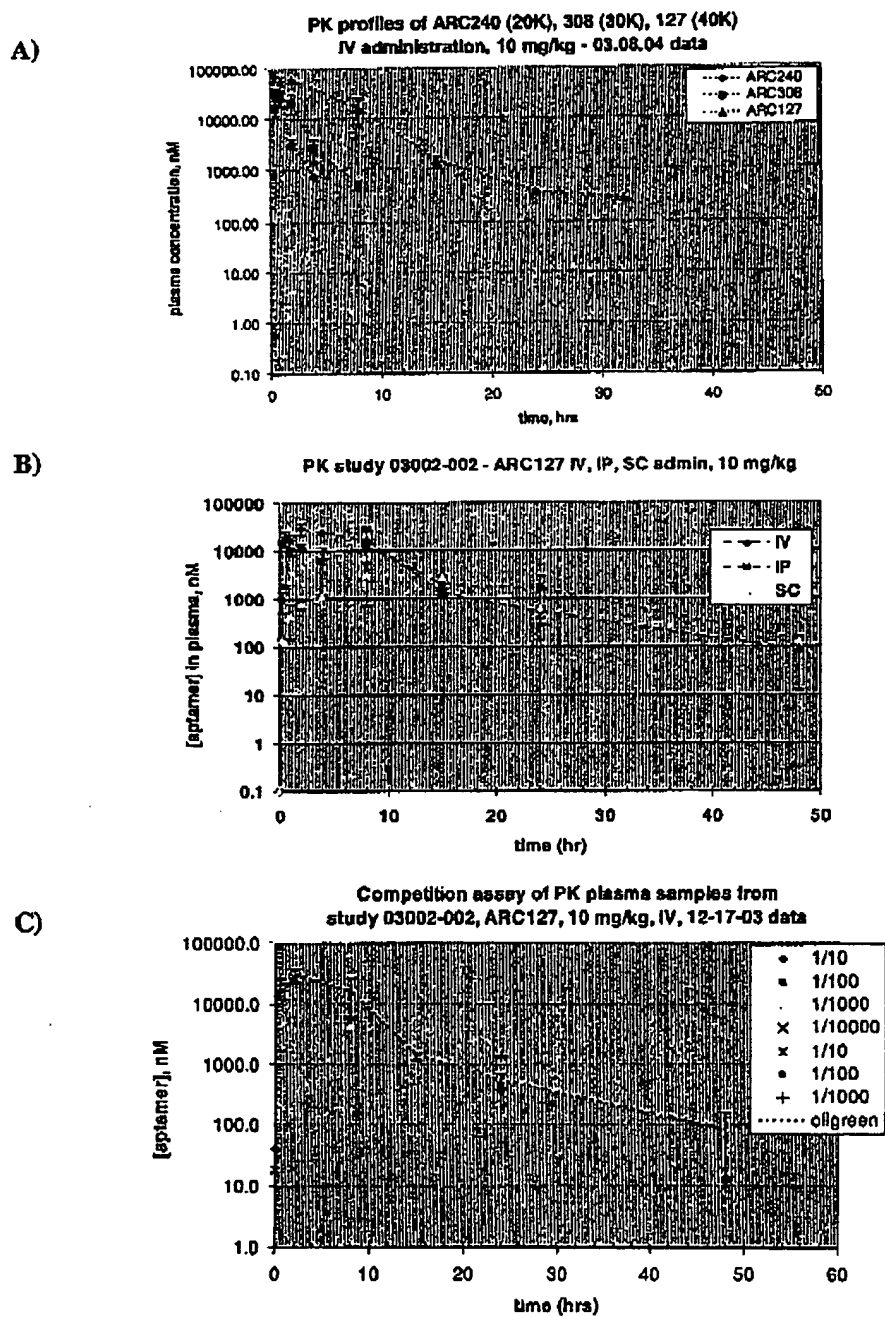
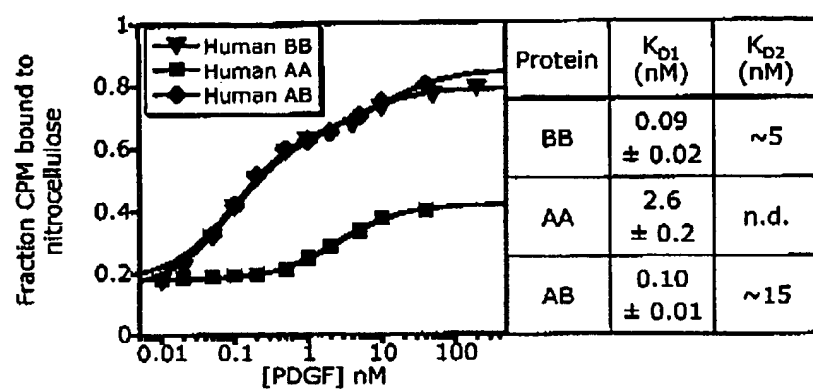


Figure 8



**Figure 9**

A)



B)

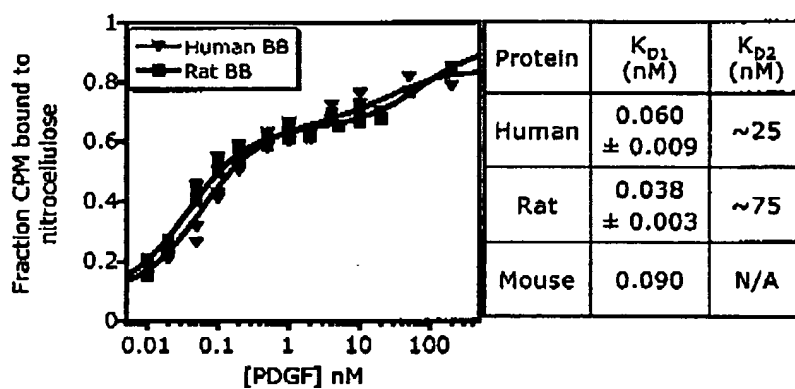
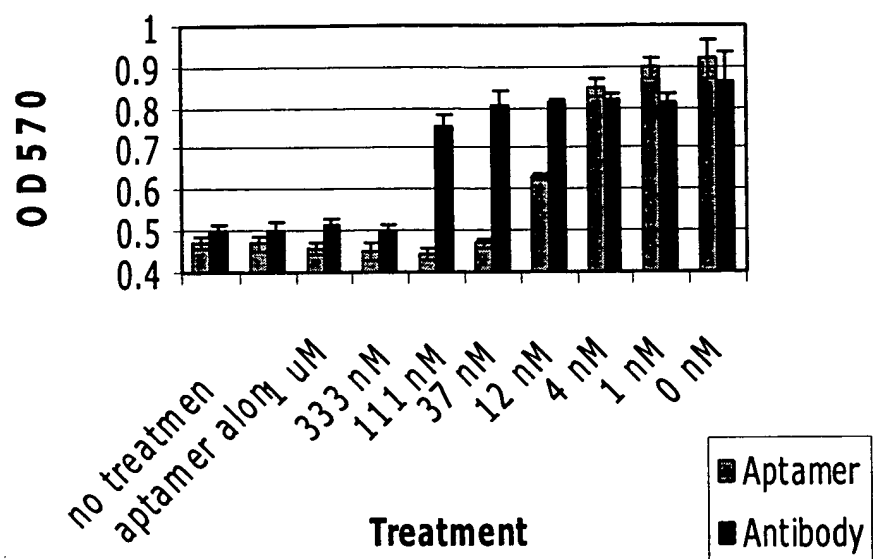


Figure 10

A)



B)

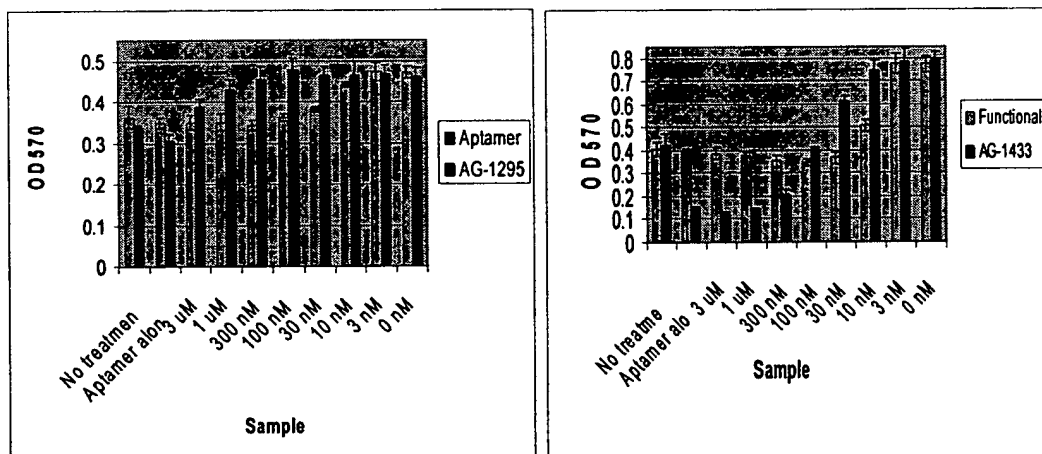
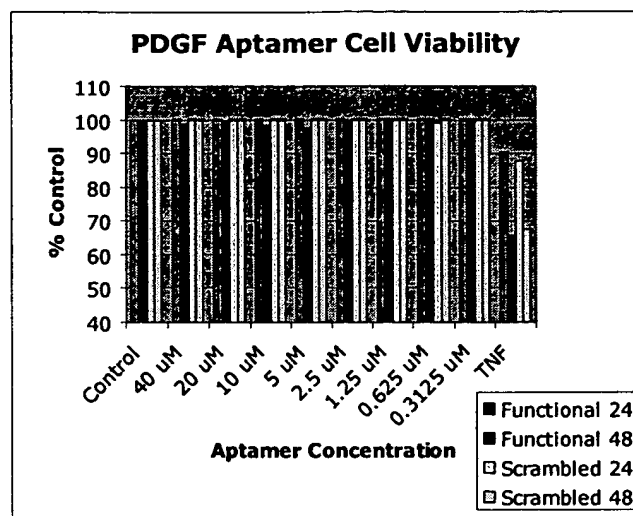
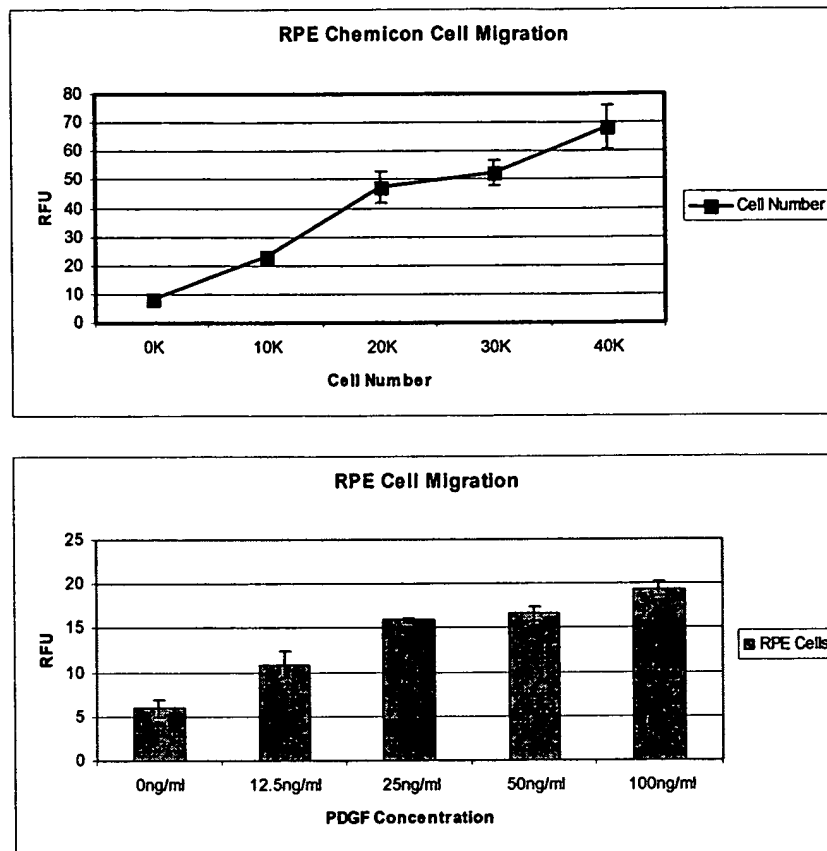


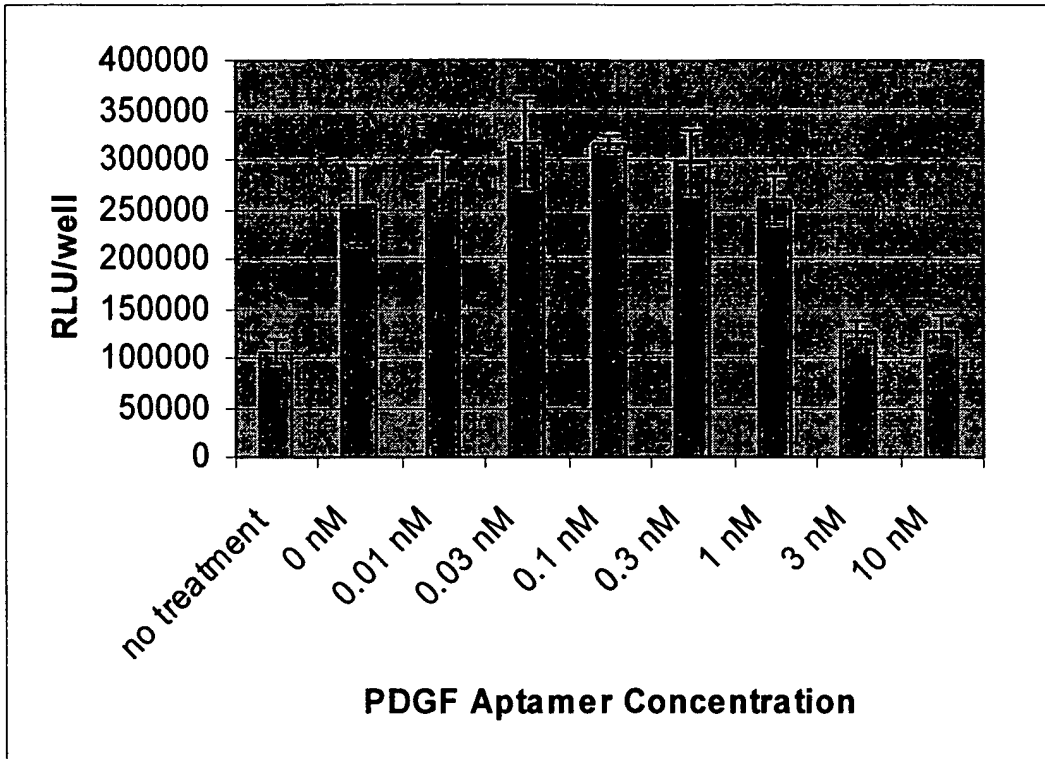
Figure 11



**Figure 12**

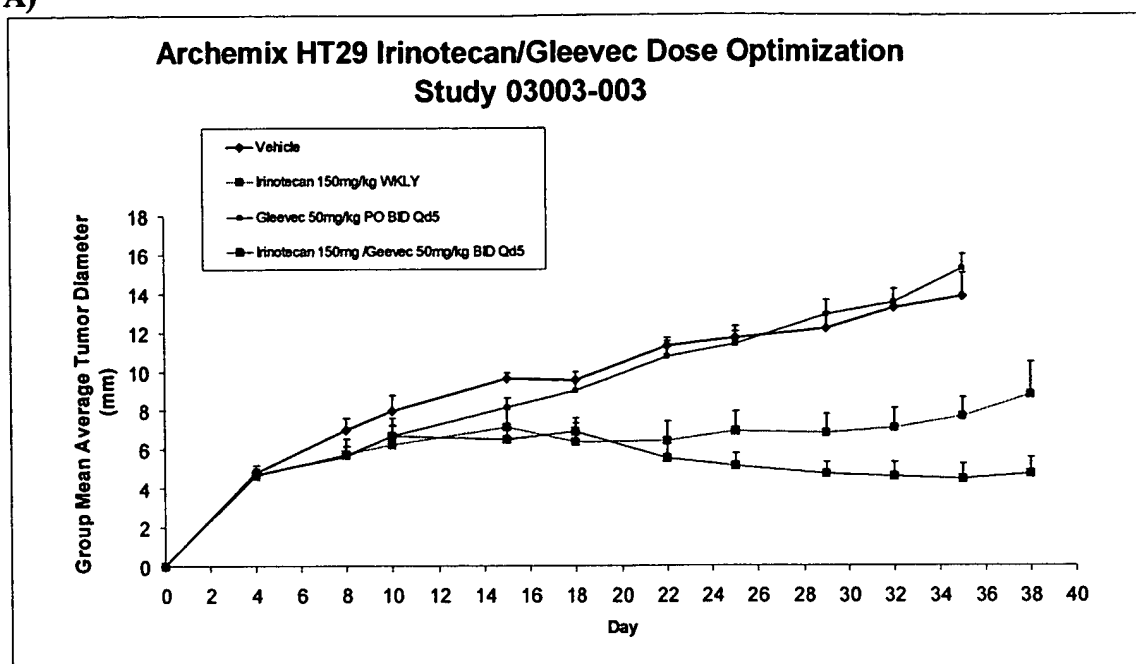


**Figure 13**



**Figure 14**

A)



B)

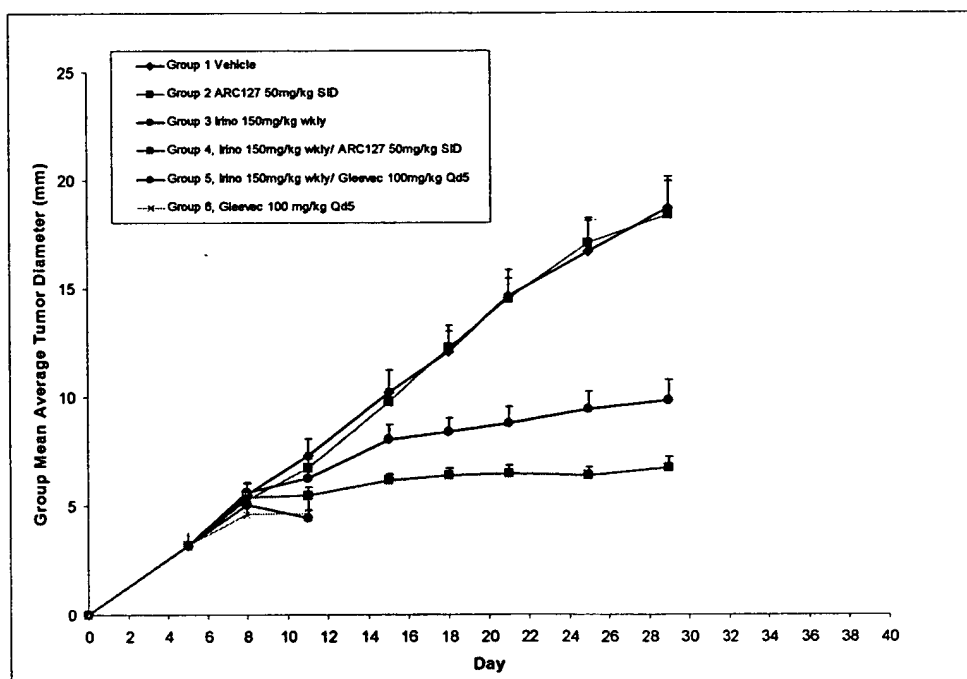
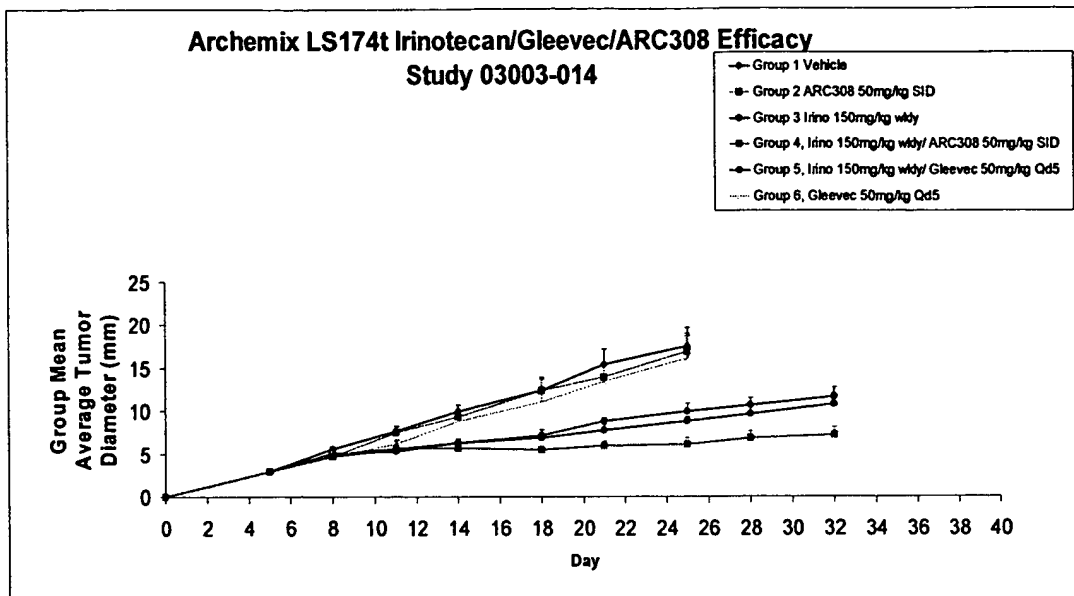


Figure 15

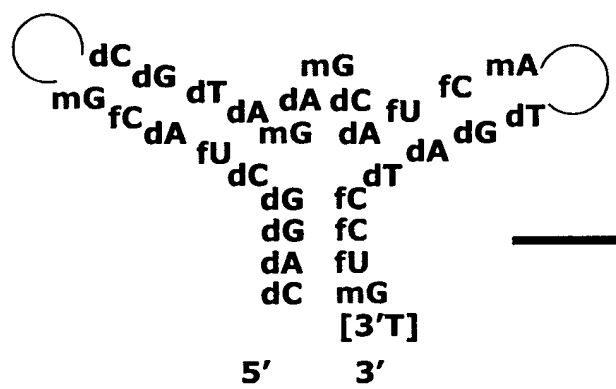




**Figure 16**

mA mA  
 mG mG  
 mA mU  
 mG mC  
 mU  
 mU mG  
 mG mC  
 mA  
 mC mG  
 mG mC  
 mU mA  
 mA mU  
 idT

Figure 17A



ARC126

Figure 17B

mA mA  
 mG mG  
 mA mU  
 mG mC  
 mU mU

MA MA MG  
MG MA MU  
MG MC  
MU  
MU

MA MG MC

mc  
mG m  
mU mA  
mA mU  
- 2

mG  
 mA mC mG  
 mG mC  
 mU mA

dG - dC  
 dG - dC  
 dA - dU  
 dC - dG idT

**dG - dC**  
**dG - dC**  
**dA - dU**  
**dC - dG** idT

**B)**

dG - dC  
 dG - dC  
 dA - dU  
 dC - dG

**Figure 18**

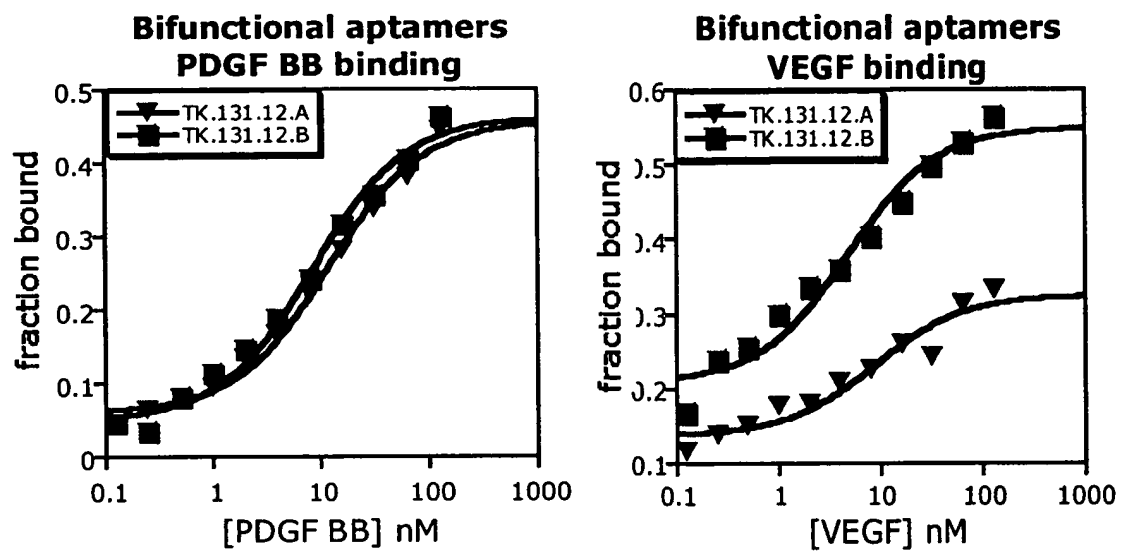
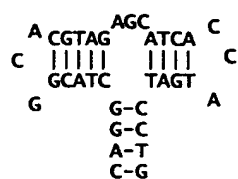
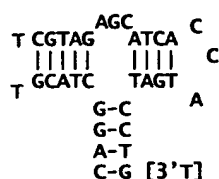


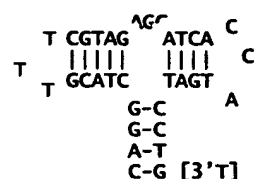
Figure 19



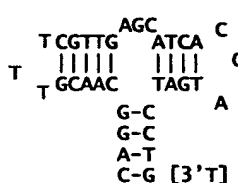
**Short ARC124**



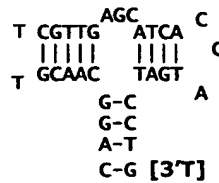
**TransARC124.1**



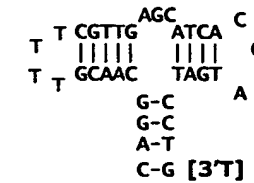
**TransARC124.2**



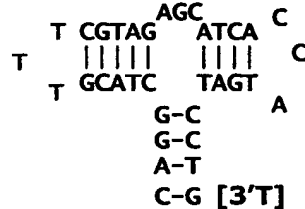
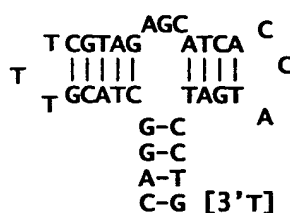
**TransARC124.3**



**TransARC124.4**

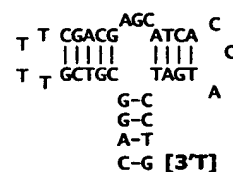
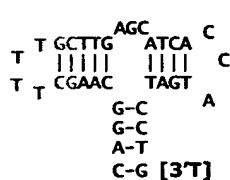
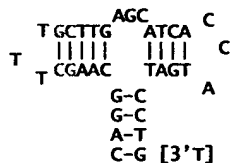


**TransARC124.5**



**TransARC124.6**

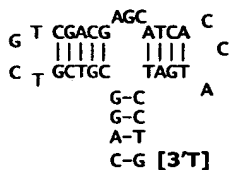
**TransARC124.7**



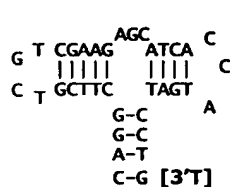
**TransARC124.3cont**

**TransARC124.5cont**

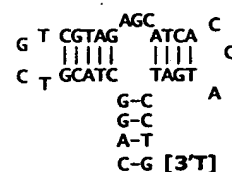
**TransARC124.8**



**TransARC124.9**



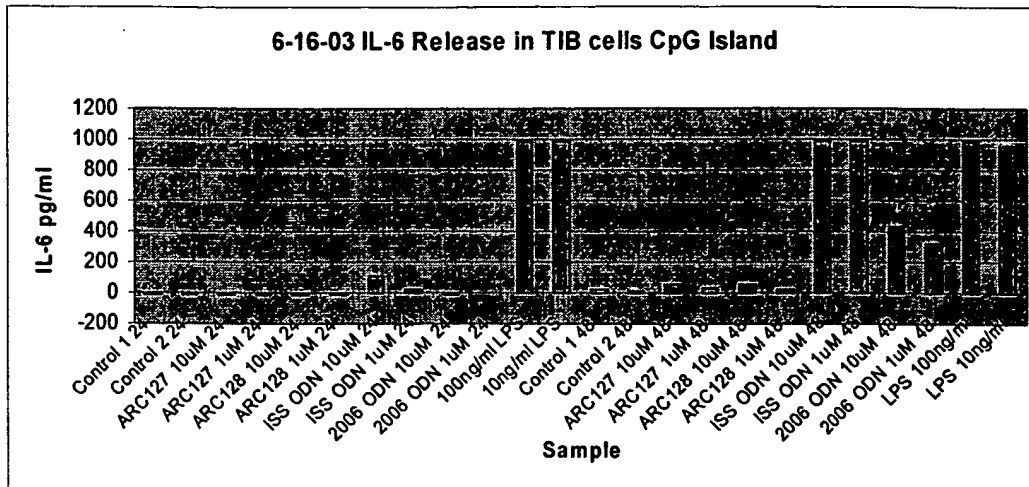
**TransARC124.10**



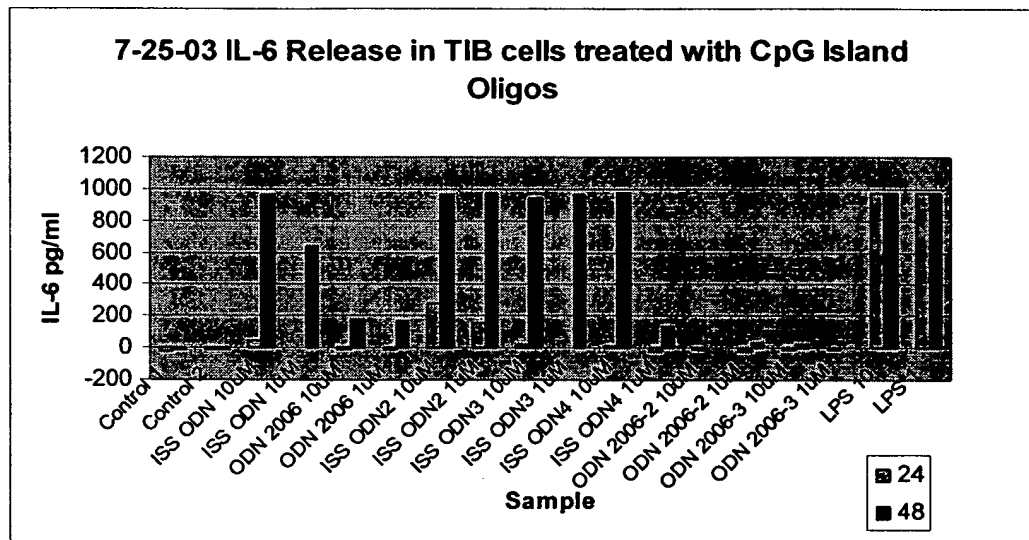
**TransARC124.11**

**Figure 20**

A)



B)



C)

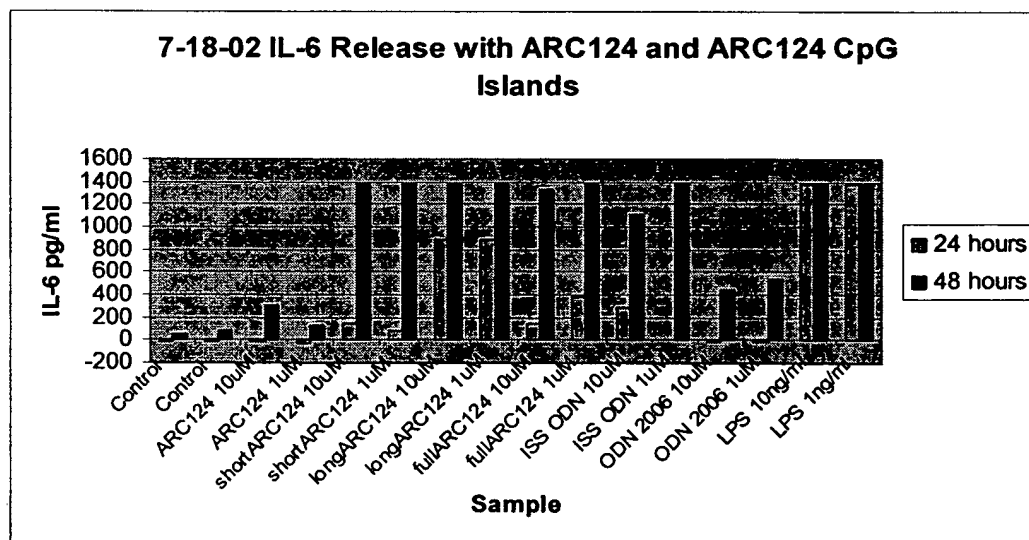
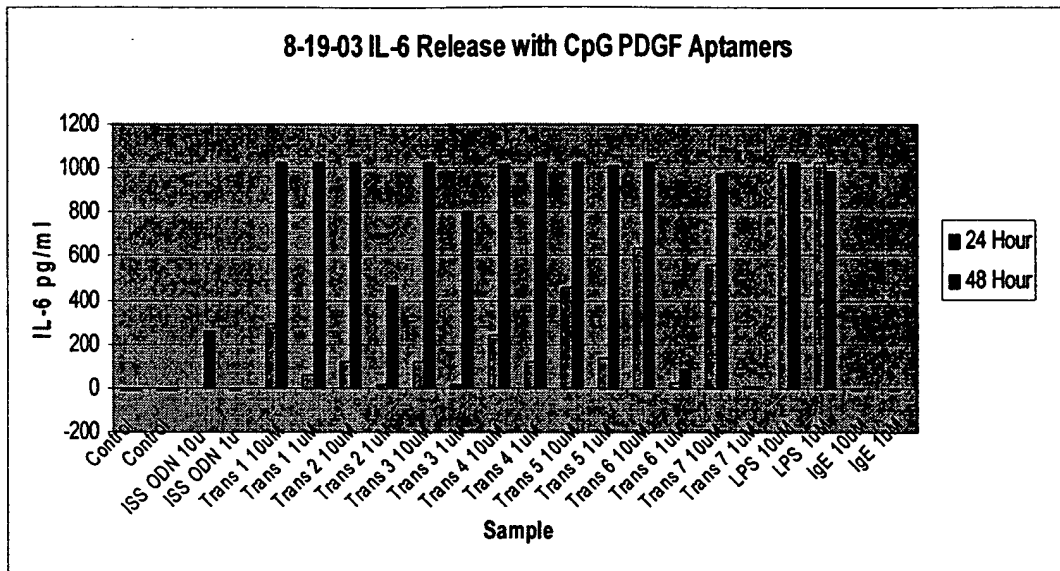
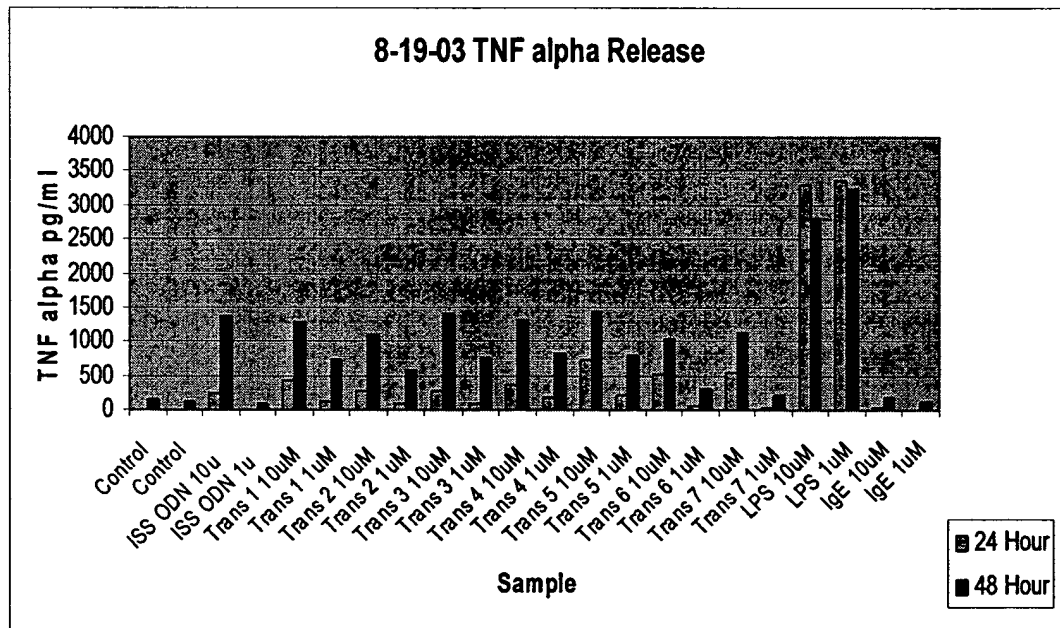


Figure 21

D)

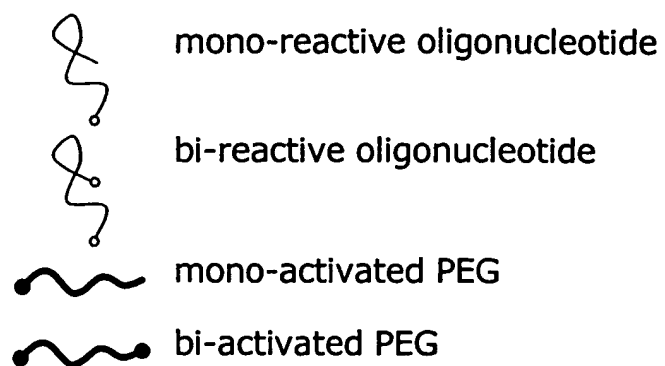


E)

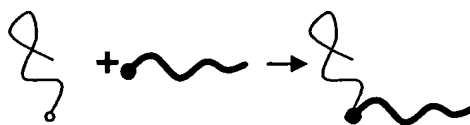


**Figure 21 (Continued)**

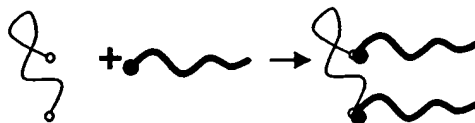
**Figure 22**



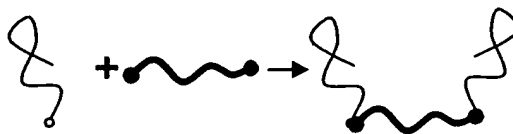
**standard PEGylation**



**multiple PEGylation**

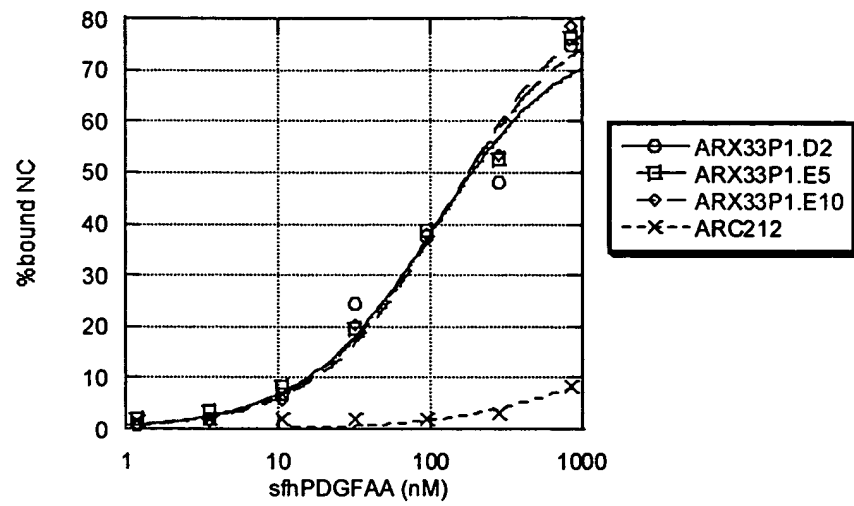


**dimerization via PEGylation**





**Figure 23A**



**Figure 23B**

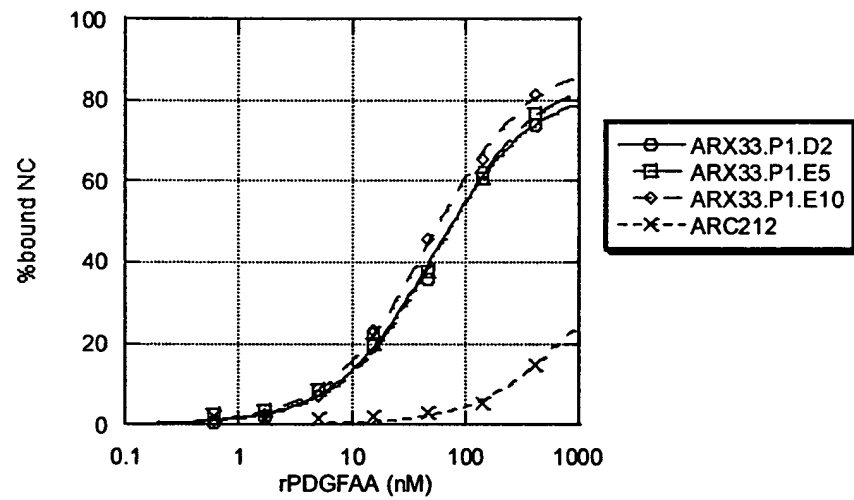


Figure 24

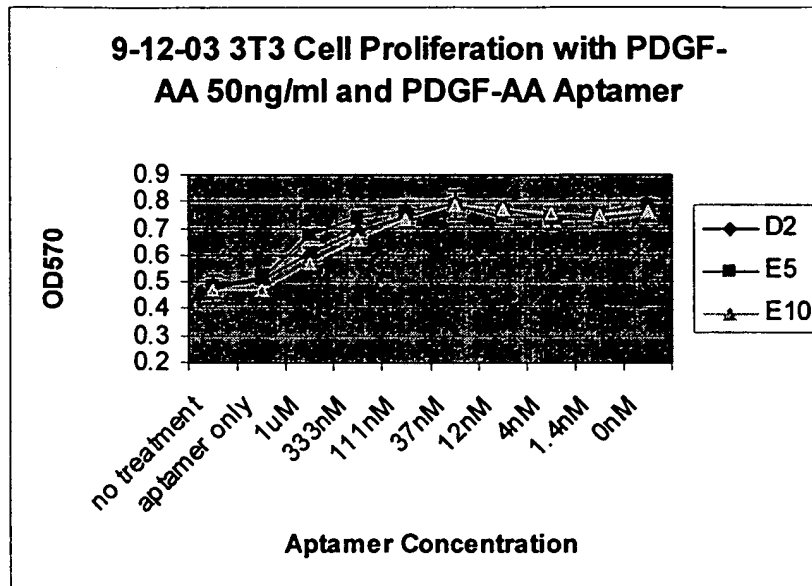


Figure 25

